ABSTRACT OF THE DISCLOSURE

The wireless light beam gun of the invention can be used with screens and shooting game software, comprising a wireless game player end device and a wireless light beam gun end device, wherein the wireless game player end device first receives the video signals from the screen, and then utilizes the ratio value from the number of pulses counted by v_sync signals between the wireless game player end device and a wireless light beam gun end device, to calculate the blip coordinate data or reduce a blip signal within the cycle of video signals; the cycle of video signals can be calculated and obtained in the wireless light beam gun end device through a set of parameter data. The invention utilizes the wireless transmitting device to replace the conventional signal wire of the wired light beam gun, thus, during shooting games, preventing the user from being confined by the space limitation, and increasing the interaction between the user and the game the user is playing.